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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/088,586

07/09/2002

Hidckazu Suzuki

2002-0384A

4888

513

7590

06/06/2006

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EXAMINER

TRAN, TRANG U

ART UNIT

PAPER NUMBER

2622

DATE MAILED: 06/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/088,586

Applicant(s)

SUZUKI ET AL.

Examiner

Trang U. Tran

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2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 February 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 2 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 2 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 February 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>10/18/2005</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Specification

1. The substitute specification filed February 27, 2006 has been entered.

Response to Arguments

2. Applicant's arguments with respect to claims 1-2 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-2 are rejected under 35 U.S.C. 102(b) as being anticipated by Lucas (US 4,652,903).

In considering claim 1, Lucas discloses all the claimed subject matter, noted 1) the claimed time-base compression means for time-base-compressing an audio signal employing a video sampling clock is met by the multiplexer 114 which compresses four channels of delta-modulated audio using 455 fH generated from a single master clock, which also is used for sampling the video signal (multiplexer 114 of Fig. 4 and Fig. 5, col. 6, lines 13-23 and lines 39-55), and 2) the claimed signal multiplexing means for multiplexing the time-base-compressed audio signal and a video signal, employing a multiplexing control signal generated based on a horizontal synchronizing signal or a vertical synchronizing signal, outputting a video/audio multiplexed signal via a data line,

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and outputting the multiplexing control signal via a transmission line different from the data line is met by the multiplexer 118 receiving four sets of signals, luminance, chrominance, audio, and synchronization, timing and teletext to multiplex video, audio and teletext data based on VBI (multiplexer 118 of Fig. 4, col. 6, lines 25-38).

In considering claim 2, Lucas discloses all the claimed subject matter, noted 1) the claimed time-base compression means for time-base-compressing an audio signal employing a video sampling clock is met by the multiplexer 114 which compresses four channels of delta-modulated audio using 455 fH generated from a single master clock, which also is used for sampling the video signal (multiplexer 114 of Fig. 4 and Fig. 5, col. 6, lines 13-23 and lines 39-55), 2) the claimed multiplexing control signal generator for generating a multiplexing control signal which provides a no-signal period between the time-base compressed audio signal and a video signal is met by the circuitry of FIG. 5 generating MAC sampling frequency for the multiplexer 118 which combines the inputted signals by selecting them at the appropriate time for inclusion in the MAC video line (Fig. 5, col. 6, lines 30-55, noted: the selecting of the inputted signals of multiplexer 118 would provides no-signal period between the time-base compressed audio signal and a video signal), and 3) the claimed signal multiplexing means for multiplexing the time-base-compressed audio signal and a video signal, employing the multiplexing control signal, and outputting a video/audio multiplexed signal via a data line is met by the multiplexer 118 receiving four sets of signals, luminance, chrominance, audio, and synchronization, timing and teletext to multiplex video, audio, and teletext data based on VBI (multiplexer 118 of Fig. 4, col. 6, lines 25-38).

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Trang U. Tran whose telephone number is (571) 272-7358. The examiner can normally be reached on 8:00 AM - 5:30 PM, Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David L. Ometz can be reached on (571) 272-7593. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TT
May 26, 2006



Trang U. Tran
Examiner
Art Unit 2622